

ON A NEW RACE OF THE FIELD SPARROW
FROM TEXAS.

BY ARTHUR P. CHADBOURNE.

Spizella pusilla arenacea, var. nov. WESTERN
FIELD SPARROW.

CH. SUBSP.—Similar to *S. pusilla* but with the rufous replaced by brownish-ash, and of slightly larger size, with decidedly longer tail and somewhat heavier bill.

♀ (No. 2141, author's collection. Laredo, Southern Texas, Nov. 12, 1885; F. B. Armstrong, collector): Back and rump pale brownish-ash, the feathers of the back with dark shaft streaks, which, particularly on the scapulars, are edged with light chestnut. Crown with two lateral stripes of pale sandy brown, that are but little darker than the back and are continuous with the ash of the nape, superciliary lines, and middle of the crown. Sides of head brownish-ash, except on the auriculars, which are pale chestnut. Underparts white, tinged with ashy-brown, deepest on the breast, flanks, and under tail-coverts. All wing-feathers edged with pale brown or white. Otherwise similar to *S. pusilla*.

Dimensions: Wing, 2.50; tail, 2.96; culmen, .35.

Migratory or perhaps resident in winter in Southern Texas. Summer habitat unknown.

The bird described above is very different from any eastern specimen I have ever examined. The whole bird is very much paler and the dark streaks on the back less prominent, owing to their lacking the bright rufous edging, and to their being confluent with the lighter ground color. The ash of the throat, sides of the head, flanks and under-tail coverts is tinged with a sandy or brownish-ash instead of rufous, and there is a broad band of ash on the pileum and over the eye. The bill is stouter than in eastern birds and the tail decidedly longer.

Of the six specimens collected at Laredo during the past fall and winter, only two present the characters described above. One of the remaining four is, however, almost a perfect intermediate (No. 2226, author's collection), but the other three can be exactly matched *in color* by Massachusetts skins. All of the Texan skins, ten in number, that I have been able to examine, tend to be less rufescent than eastern birds and to have a longer tail, but unfortunately these characters do not seem to be quite constant, at any rate not in the migratory birds.

S. pusilla arcuacea (average of two specimens), tail, 2.88; wing, 2.52.

S. pusilla from Texas (average of ten specimens), tail, 2.86; wing, 2.61.

S. pusilla from Massachusetts (average of ten specimens), tail, 2.62; wing, 2.43.

S. wortheni (type specimen), tail, 2.60; wing, 2.68.

Through the courtesy of the National Museum I have been able to examine the type of *Spizella wortheni*, and I find that it has no trace whatsoever of the median stripe through the crown, or of the chestnut auriculars; there is but one wing-band, and the general effect is as dark as in *S. socialis arizonæ*. The wing is also longer and the tail shorter than in the new race. In short, the two birds seem to have no close relationship.

ON THE AVI-FAUNA OF PINAL COUNTY, WITH REMARKS ON SOME BIRDS OF PIMA AND GILA COUNTIES, ARIZONA.

BY W. E. D. SCOTT.

*With annotations by J. A. Allen.**

I.

By referring to a map of Arizona the reader will see that Tucson lies on the 111th meridian west of Greenwich and on the 32d parallel of latitude north. The country under consideration in the present paper extends north of Tucson eighty miles, and south forty miles; and, taking the 111th meridian as a median line, twenty-five miles each side of that line gives about its east and west boundaries. This area is therefore one hundred and twenty miles long, in a north and south direction, and fifty miles wide, from east to west. In this parallelogram are one

*A large part of the collection (some 2400 specimens) on which Mr. Scott's paper is based is now in the possession of the American Museum of Natural History, and many other specimens have been submitted to me for inspection. The large series of specimens thus brought together frequently present special points of interest, and the remarks based thereon in the subsequent papers of the present series are added by the kind request of Mr. Scott.—J. A. ALLEN.